

## Data Sheet

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# AHD/CVI/TVI 4 Channel Video Fiber Optic Link

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AH4V

### FEATURES

- 4-Channel AHD / HD-CVI / HD-TVI analog HD video over fiber
- Lossless non-compression real time transmission
- More than 30km transmission distance
- Supports 422,485 serial data communication
- Operation status indication LED
- 75ohm BNC and ST fiber optical connector
- Stand alone or rack-mount package
- RoHS compliant



### APPLICATIONS

- Surveillance networks and CCTV security system

### Video

Parameter	Specification
Video bandwidth	45MHz
Video input/output voltage	1Vp-p
Sampling frequency	100MHz
Jitter*	< 0.2 UI
Electrical Connector	BNC ( 75 Ω )

\* Total Jitter at the end of Receiver output Maximum value

### Data

Parameter	Specification
Data rate	DC to 115.2kbps
Data Interface	RS422, RS485
Connector	Standard Terminal Block

### Optical

Parameter	Specification	
Wavelength	1310nm	
Transmitter	Output power	-7 ~ -3dBm
	Extinction Ratio	7dB
Receiver	Sensitivity	-25dBm
	Maximum Overload	0dBm
Distance (Typ.)	30km*	
Fiber Type	Single mode and Multimode	
Optical Connector	ST Connector	
Number of Fibers	1	

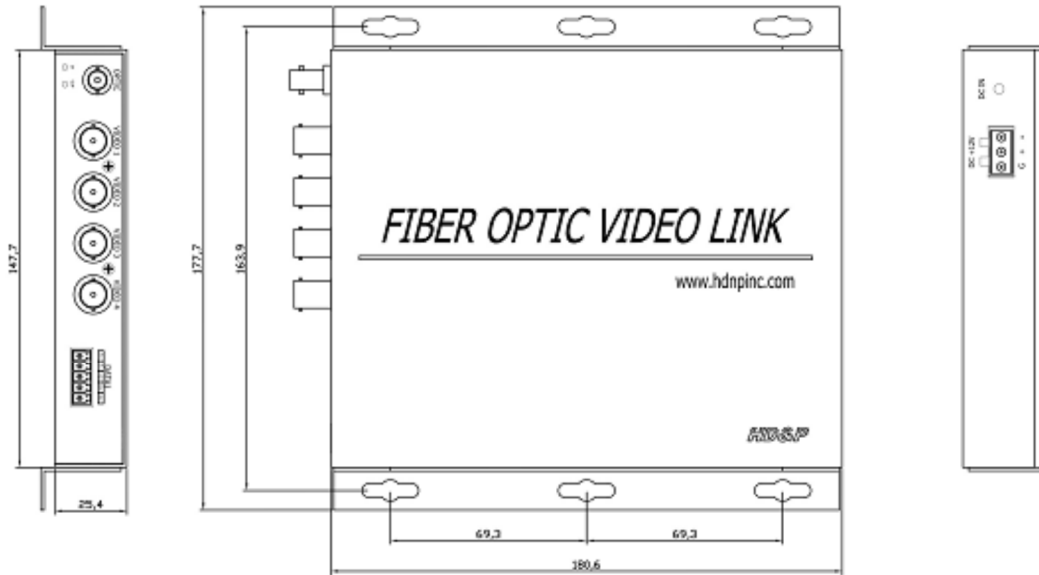
\* The maximum distance coverage may be greater than these typical numbers, depending on fiber type, fiber bandwidth, connector, splicing losses, chromatic dispersion, environmental factors, etc.

### Electrical and Mechanical

Parameter	Specification
Power Supply	DC5V, 1.5A Adaptors
Operating Temperature	-20 to +75°C
Humidity	0 to 95% RH, non-condensing
Dimensions (W x D x H)	147.7 x 180.6 x 25.4 (mm)

DRAWING (mm)

[Unit : mm]



### REVISION HISTORY

Date	Revision	Description
December. 2015	000	Initial release

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